

ABSTRACT OF THE DISCLOSURE

The volume hologram recording photosensitive composition provided by the present invention contains at least a fluorine-contained photoreactive compound represented by the following formula (1): $R^1-R^3-(CF_2)_n-R^4-R^2$ wherein R^1 and R^2 are photoreactive groups which can be bonded to each other by photoreaction, and each of R^3 and R^4 is independently a single bond or a bivalent hydrocarbon group having 1 to 5 carbon atoms, and n is an integer of 1 or more. This volume hologram recording photosensitive composition is used to form a recording section of a recording medium, and then the section is exposed to light, whereby a bright volume hologram can be obtained.